

Question	Phylocom	picante
Phylogenetic community structure and diversity	pd, rao, comstruct	pd, ses.pd, mpd, mntd, ses.mpd, ses.mntd, psr, psv, pse, phylostruct, comm.phylo.cor, comm.phylo.qr, species.dist
Phylogenetic beta diversity	comdist, comdistnt, rao	comdist, comdistnt, phylosor
Trait diversity	comtrait	mpd, mntd, ses.mpd, ses.mntd
Phylogenetic signal and trait evolution	aot, aotf, aotn, <i>ecovolve</i>	Kcalc, phylosignal, multiPhylosignal, evolve.brownian
Identify evolutionarily conserved nodes	nodesig, aotf, aotn	-
File input/output and data manipulation	makenex, new2nex, agenode, ageterm, blad, phydist, swap, <i>phylomatic</i>	readsample, writesample, writetraits, randomizeSample, numerous functions in <i>ape</i> package
Comparative analyses	aot, aotf	pic.circular, pblm, pblmpredict
Visualization	-	color.plot.phylo, traitgram